

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101118\
 Data File : BE097877.D
 Acq On : 12 Oct 2018 3:19
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 05:00:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 04:56:57 2018
 Response via : Initial Calibration

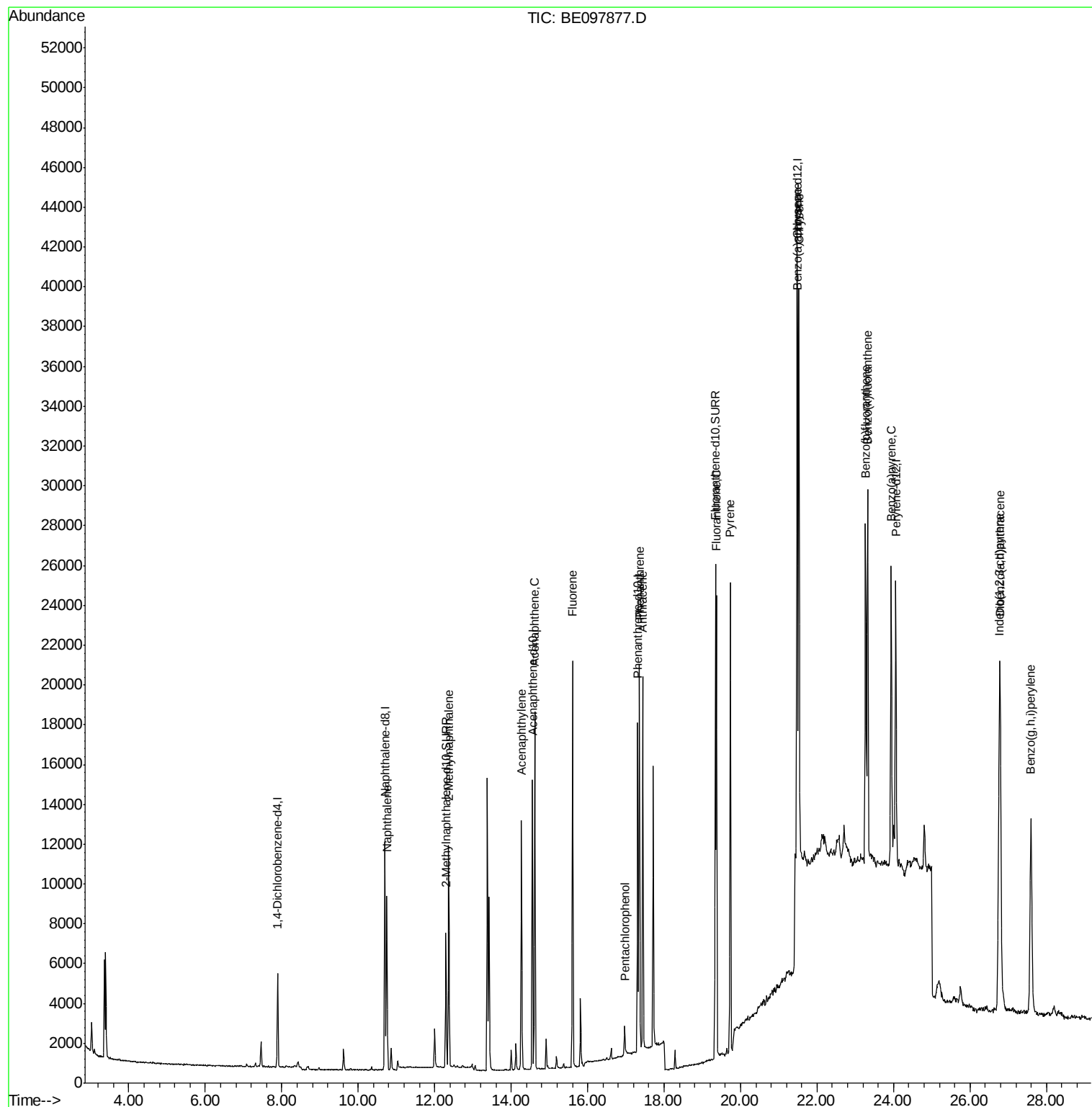
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2327	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12295	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	8061	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	19501	0.40	ng/ul	0.00
16) Chrysene-d12	21.49	240	20697	0.40	ng/ul	0.00
20) Perylene-d12	24.06	264	20939	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	9037	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	26856	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	12870	0.430	ng/ul	99
5) 2-Methylnaphthalene	12.36	142	9541	0.441	ng/ul	99
7) Acenaphthylene	14.27	152	14295	0.469	ng/ul	97
8) Acenaphthene	14.61	153	10674	0.451	ng/ul	98
9) Fluorene	15.61	166	12739	0.413	ng/ul	98
11) Pentachlorophenol	16.97	266	1019	0.371	ng/ul	97
12) Phenanthrene	17.35	178	20246	0.439	ng/ul	98
13) Anthracene	17.44	178	20361	0.476	ng/ul	100
15) Fluoranthene	19.37	202	25290	0.427	ng/ul	96
17) Pyrene	19.73	202	30966	0.502	ng/ul	99
18) Benzo(a)anthracene	21.47	228	34091	0.545	ng/ul	94
19) Chrysene	21.53	228	26066	0.464	ng/ul#	91
21) Benzo(b)fluoranthene	23.27	252	25153	0.449	ng/ul#	79
22) Benzo(k)fluoranthene	23.32	252	25468	0.425	ng/ul#	76
23) Benzo(a)pyrene	23.94	252	25248	0.460	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	26.77	276	28205	0.452	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.79	278	23968	0.465	ng/ul#	80
26) Benzo(g,h,i)perylene	27.60	276	23854	0.439	ng/ul#	86

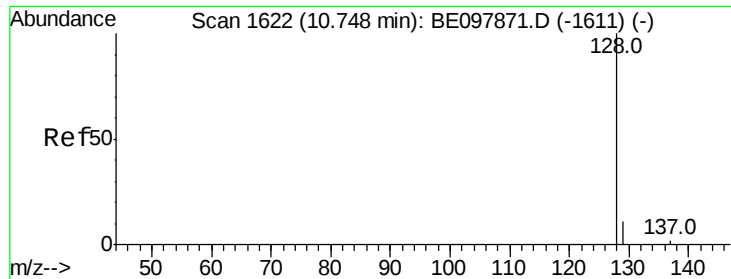
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#3

Naphthalene

Concen: 0.430 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

Instrument :

BNA_E

ClientSampleId :

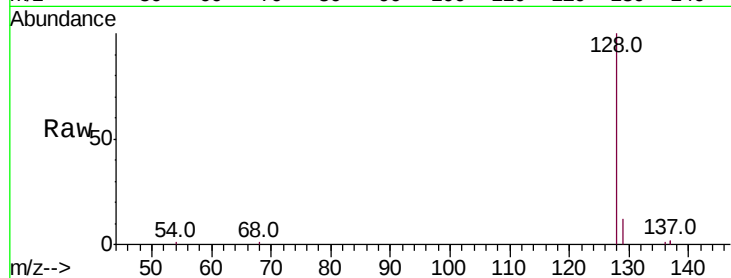
Tot Ion:128 Resp: 12870

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

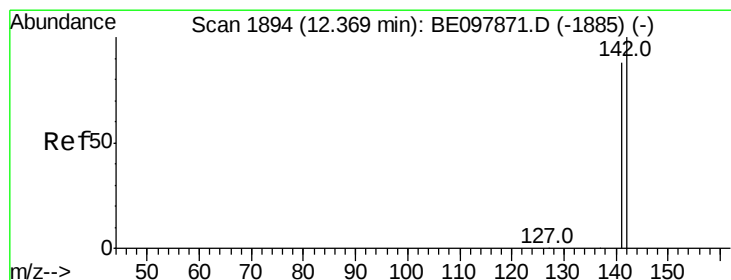
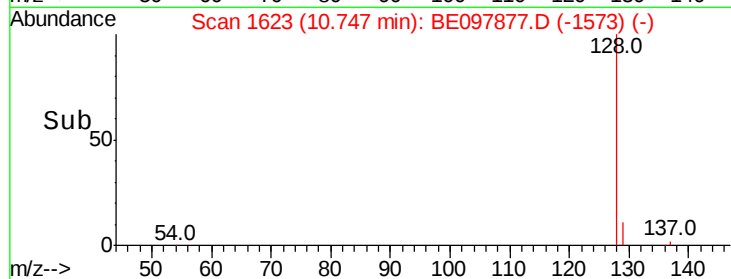
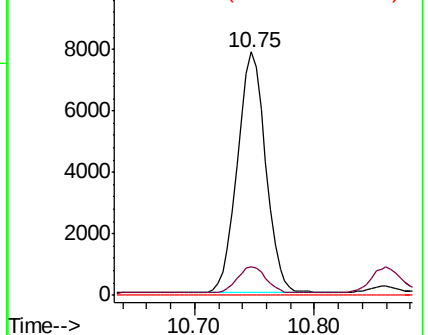
127 0.0 0.0 0.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.441 ng/ul

RT: 12.36 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BE097877.D

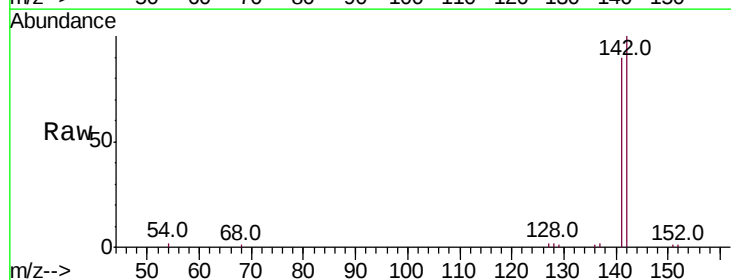
Acq: 12 Oct 2018 3:19

Tgt Ion:142 Resp: 9541

Ion Ratio Lower Upper

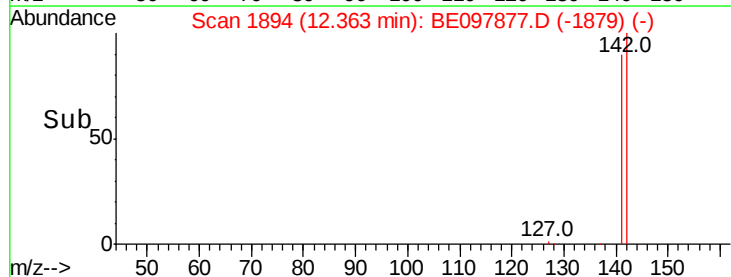
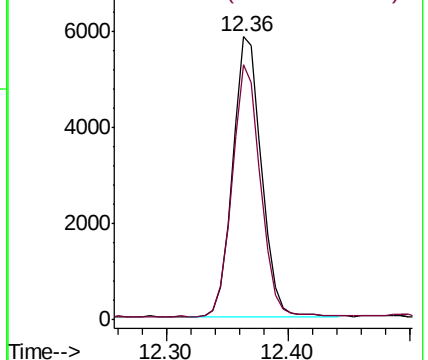
142 100

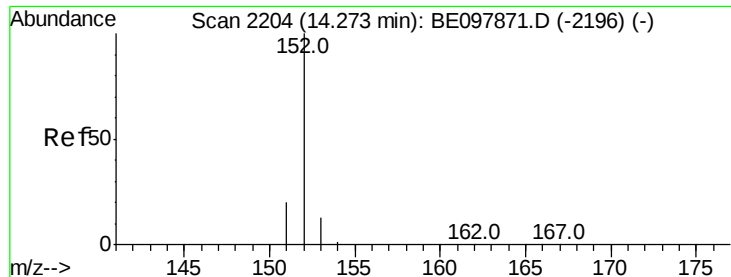
141 88.8 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.469 ng/ul

RT: 14.27 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

Instrument :

BNA_E

ClientSampleId :

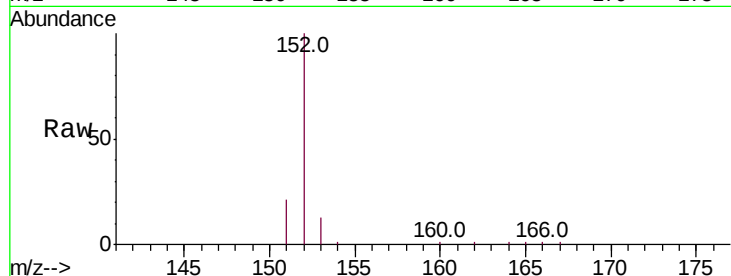
Tot Ion:152 Resp: 14295

Ion Ratio Lower Upper

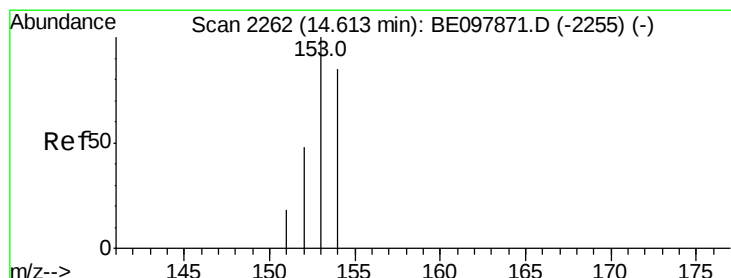
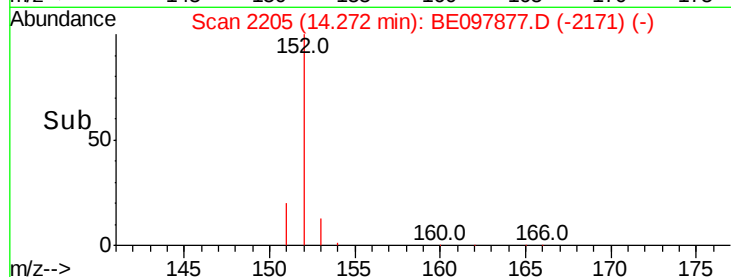
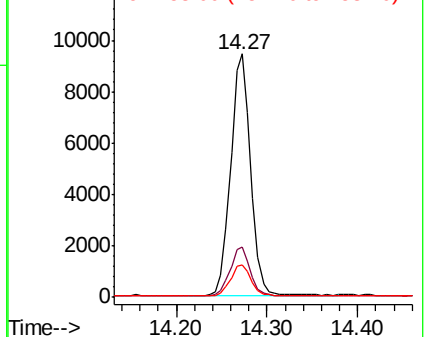
152 100

151 20.8 15.0 22.6

153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.451 ng/ul

RT: 14.61 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

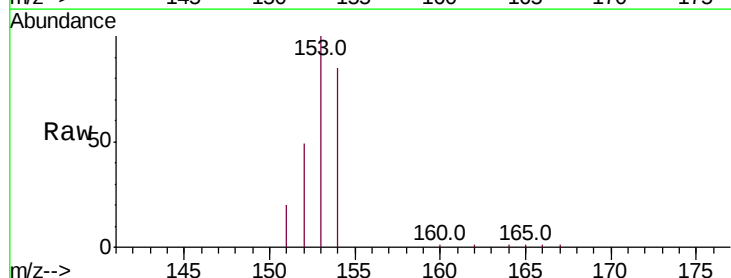
Tgt Ion:153 Resp: 10674

Ion Ratio Lower Upper

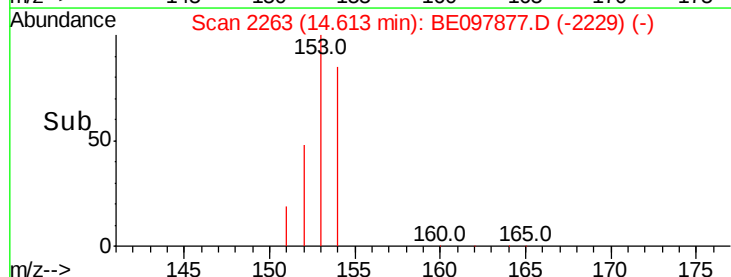
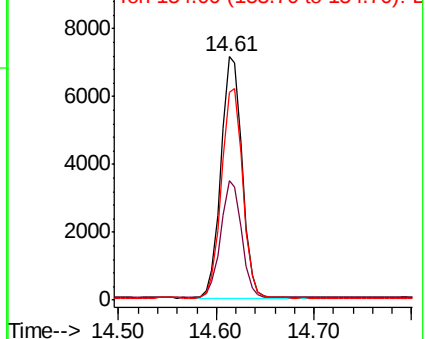
153 100

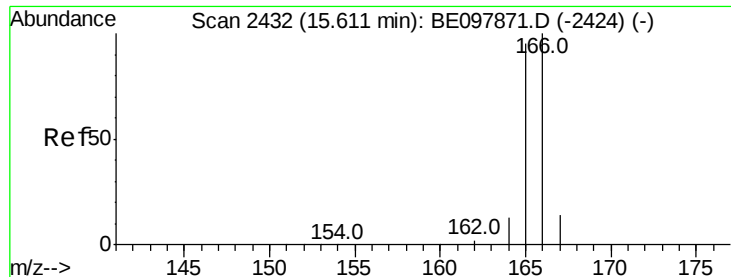
152 49.3 41.2 61.8

154 85.2 68.6 103.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

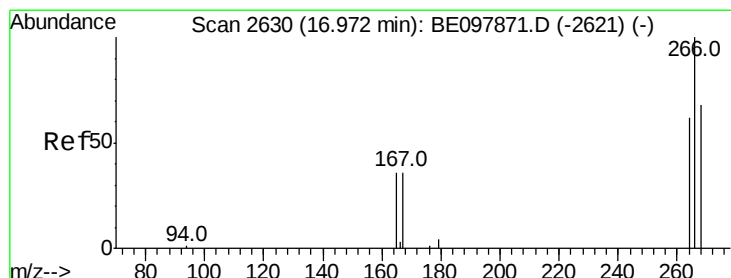
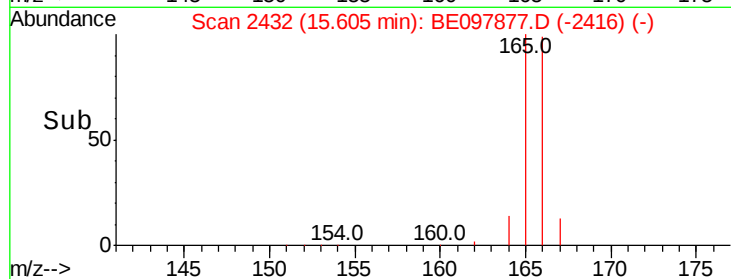
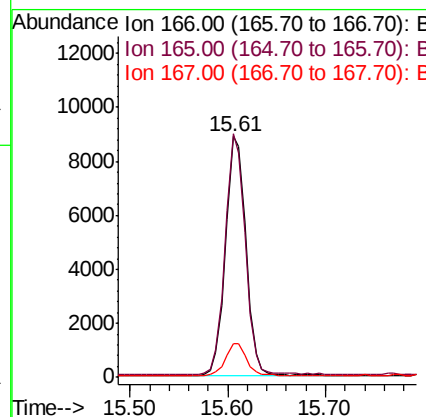
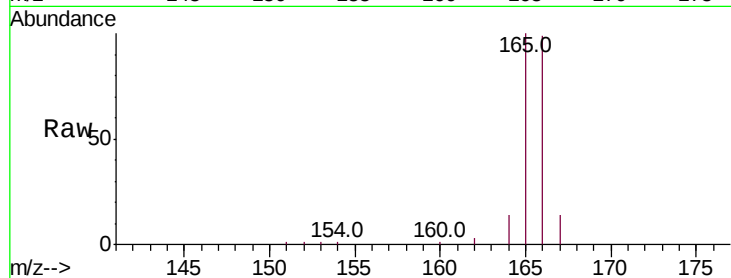




#9
Fluorene
 Concen: 0.413 ng/ul
 RT: 15.61 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BE097877.D
 Acq: 12 Oct 2018 3:19

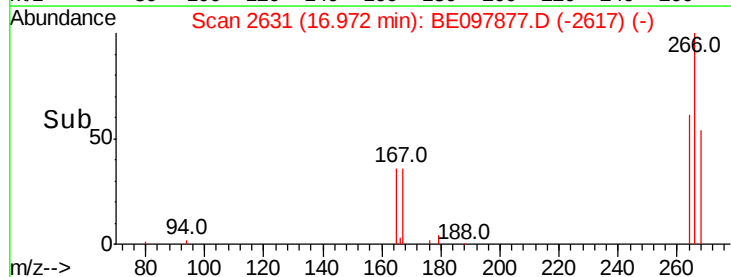
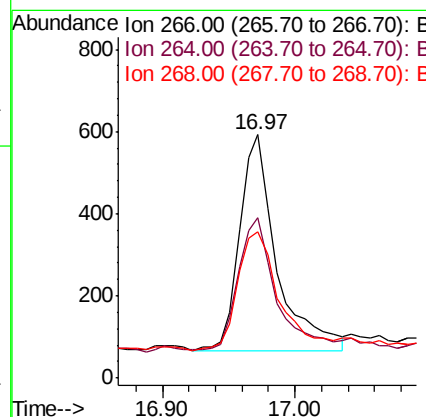
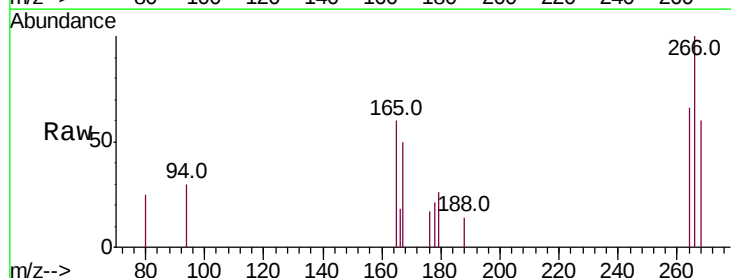
Instrument :
 BNA_E
 ClientSampleId :

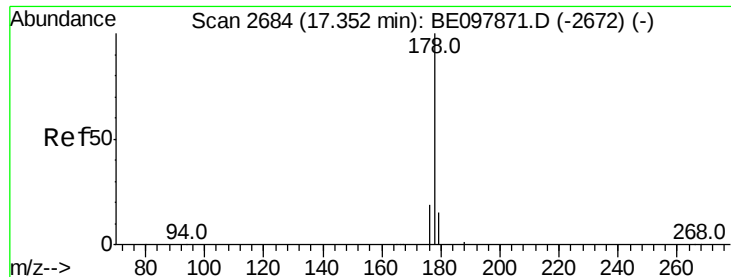
Tot Ion:166 Resp: 12739
 Ion Ratio Lower Upper
 166 100
 165 101.1 79.2 118.8
 167 14.0 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.371 ng/ul
 RT: 16.97 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BE097877.D
 Acq: 12 Oct 2018 3:19

Tgt Ion:266 Resp: 1019
 Ion Ratio Lower Upper
 266 100
 264 63.2 49.8 74.8
 268 64.4 48.4 72.6





#12

Phenanthrene

Concen: 0.439 ng/ul

RT: 17.35 min Scan# 2685

Delta R.T. -0.00 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

Instrument :

BNA_E

ClientSampleId :

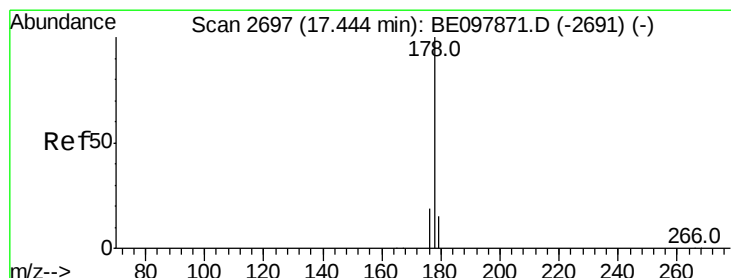
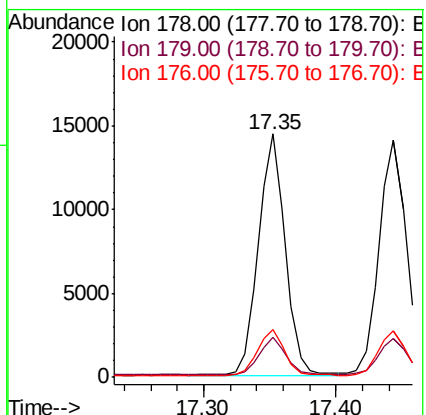
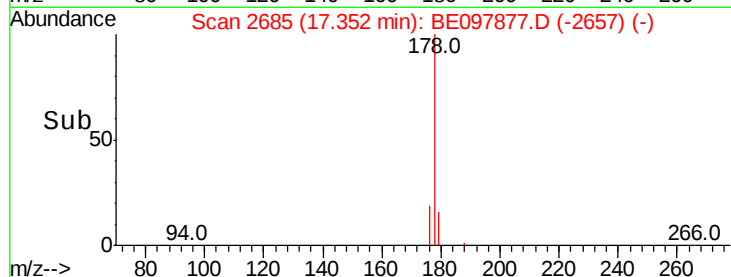
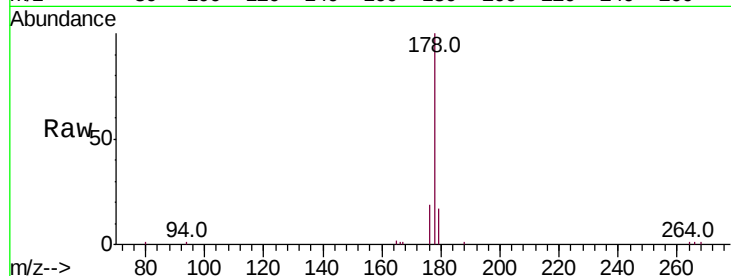
Tot Ion:178 Resp: 20246

Ion Ratio Lower Upper

178 100

179 16.7 12.8 19.2

176 19.4 14.9 22.3



#13

Anthracene

Concen: 0.476 ng/ul

RT: 17.44 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

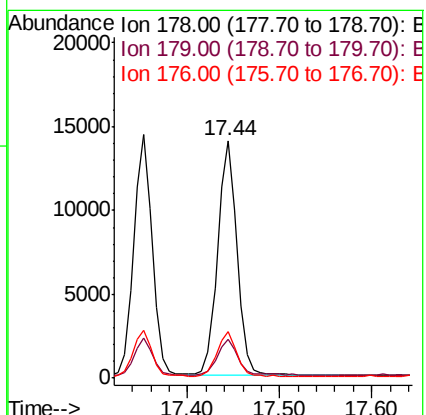
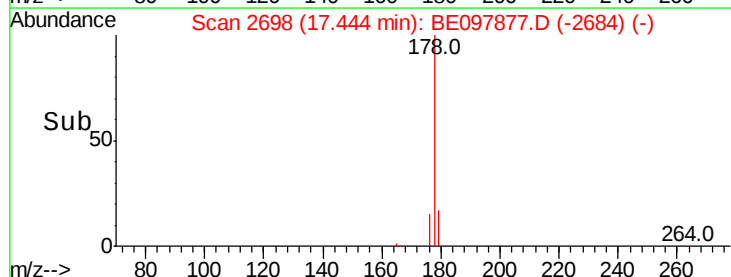
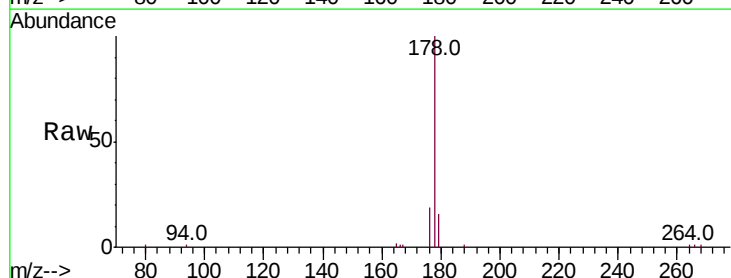
Tgt Ion:178 Resp: 20361

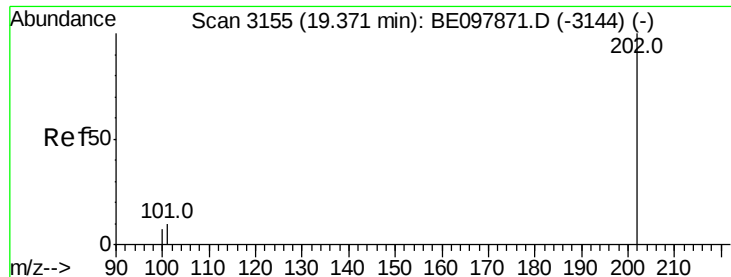
Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 19.4 15.5 23.3





#15

Fluoranthene

Concen: 0.427 ng/ul

RT: 19.37 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

Instrument :

BNA_E

ClientSampleId :

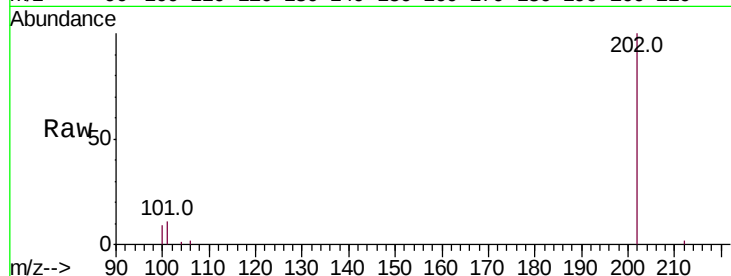
Tot Ion:202 Resp: 25290

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.3

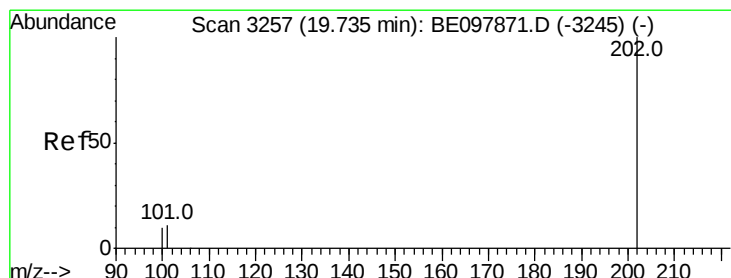
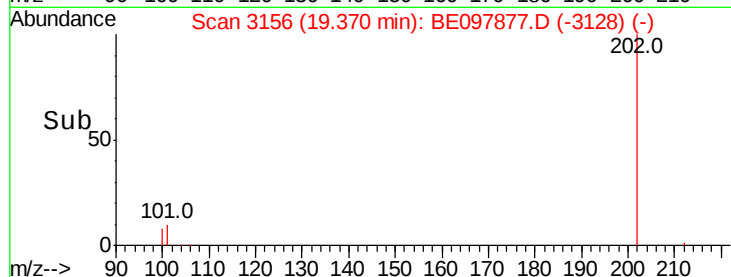
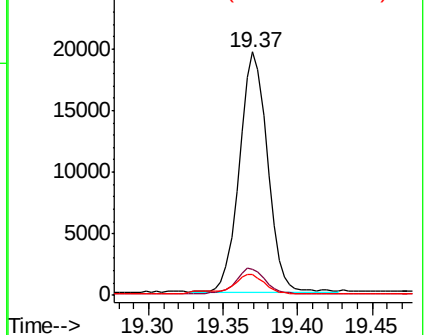
100 8.7 0.0 27.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 0.502 ng/ul

RT: 19.73 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

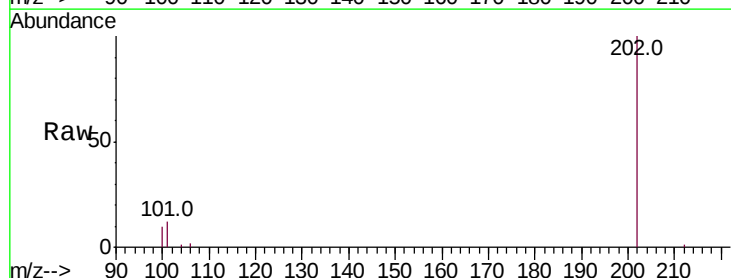
Tgt Ion:202 Resp: 30966

Ion Ratio Lower Upper

202 100

101 11.6 8.8 13.2

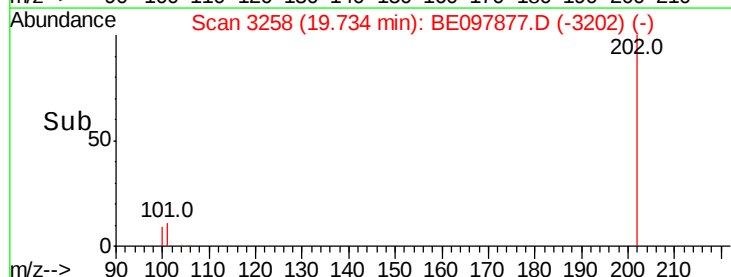
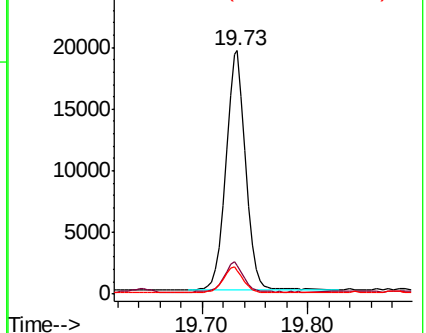
100 9.7 7.9 11.9

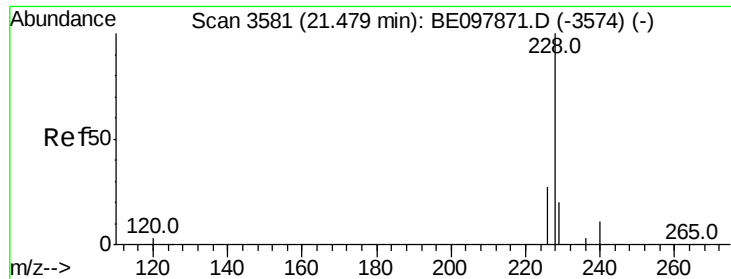


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.545 ng/ul

RT: 21.47 min Scan# 3581

Delta R.T. -0.01 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

Instrument :

BNA_E

ClientSampleId :

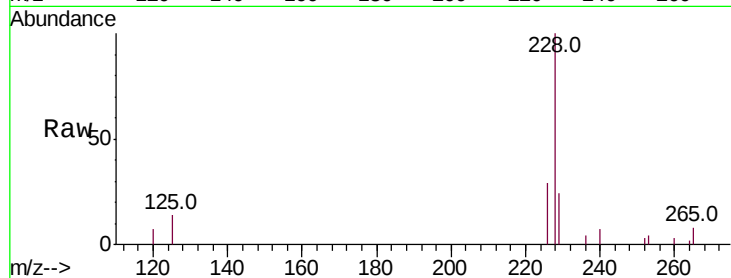
Tot Ion:228 Resp: 34091

Ion Ratio Lower Upper

228 100

229 23.8 16.4 24.6

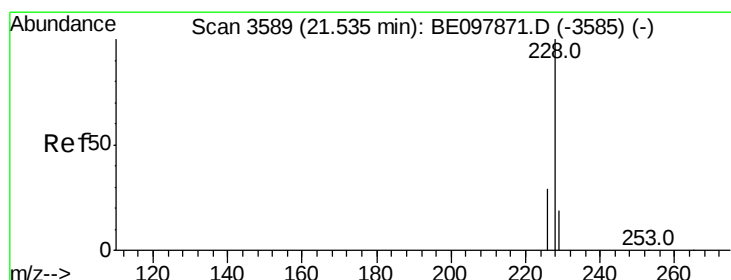
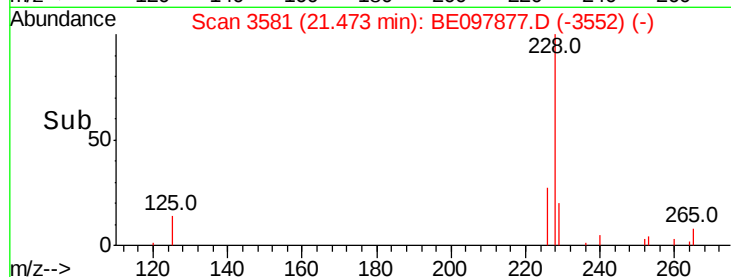
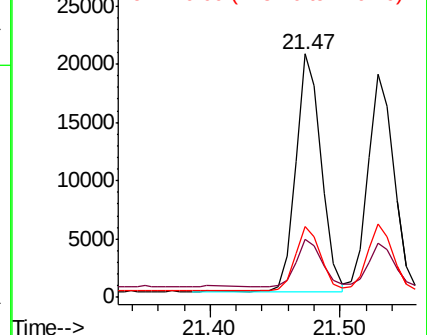
226 29.2 21.5 32.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.464 ng/ul

RT: 21.53 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

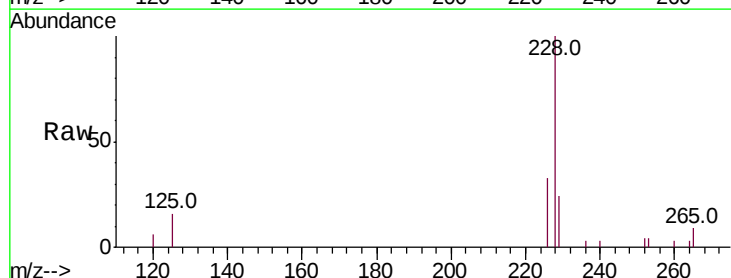
Tgt Ion:228 Resp: 26066

Ion Ratio Lower Upper

228 100

226 32.8 23.0 34.4

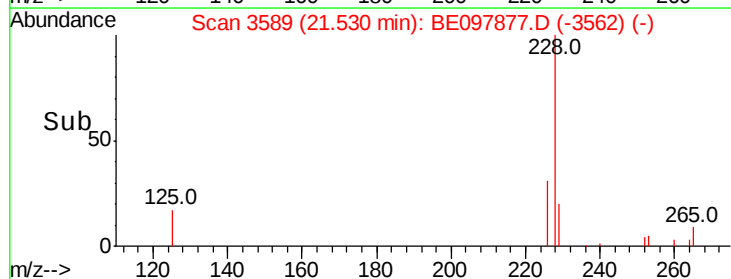
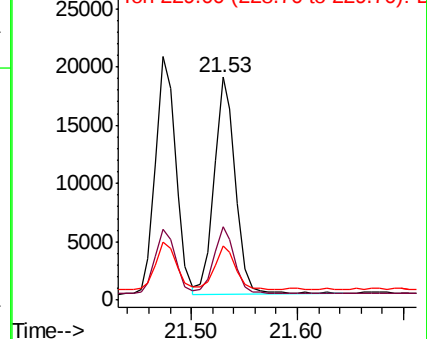
229 24.1 15.5 23.3#

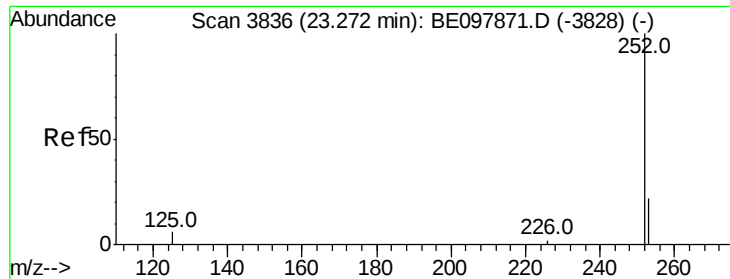


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.449 ng/ul

RT: 23.27 min Scan# 3836

Delta R.T. -0.01 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

Instrument :

BNA_E

ClientSampleId :

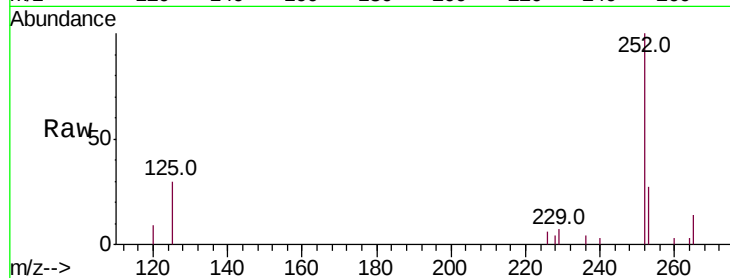
Tot Ion:252 Resp: 25153

Ion Ratio Lower Upper

252 100

253 26.7 0.0 47.0

125 29.9 0.0 18.2#

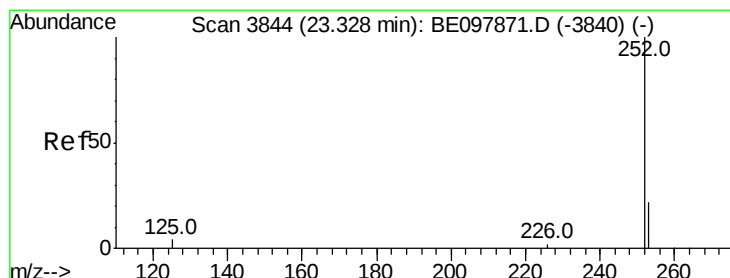
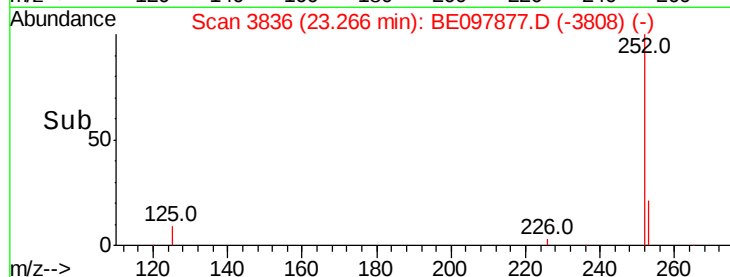
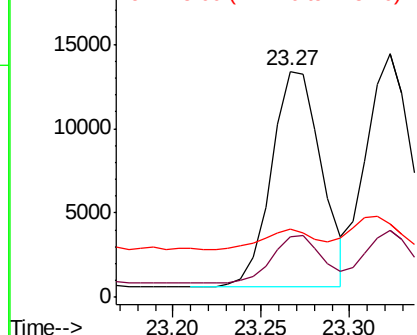


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.425 ng/ul

RT: 23.32 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

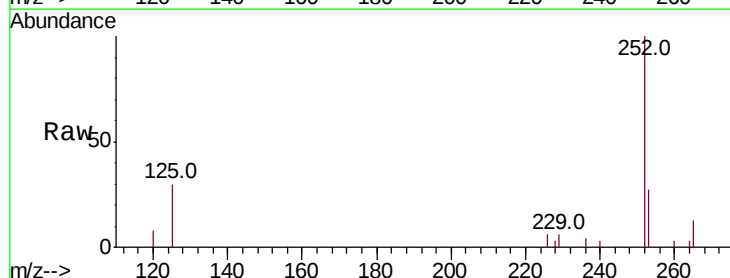
Tgt Ion:252 Resp: 25468

Ion Ratio Lower Upper

252 100

253 27.4 17.8 26.6#

125 30.2 9.4 14.0#

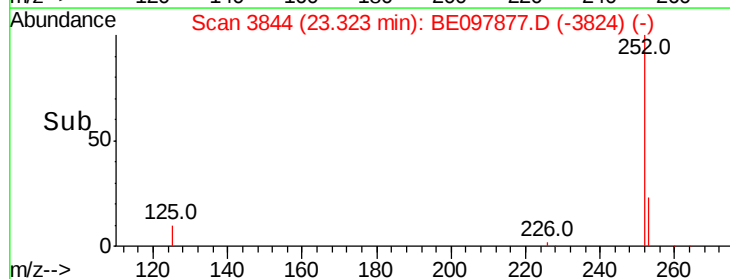
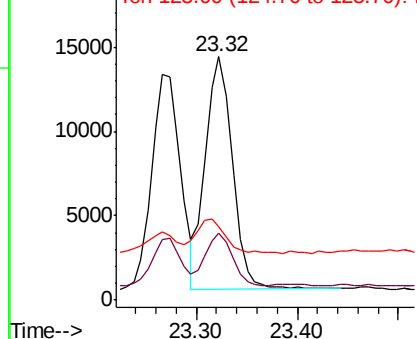


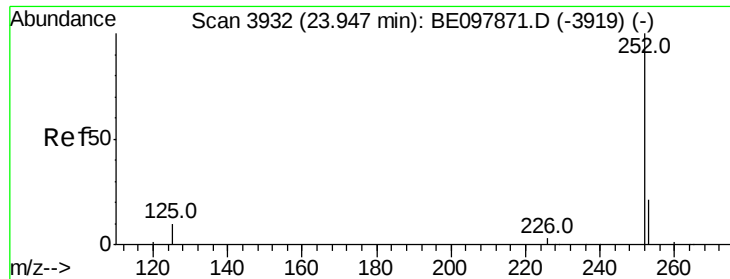
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.460 ng/ul

RT: 23.94 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

Instrument :

BNA_E

ClientSampleId :

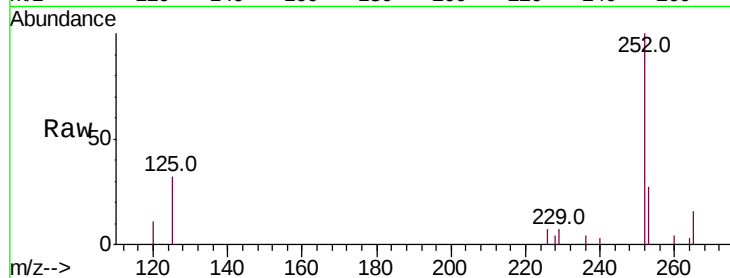
Tot Ion:252 Resp: 25248

Ion Ratio Lower Upper

252 100

253 27.2 18.2 27.4

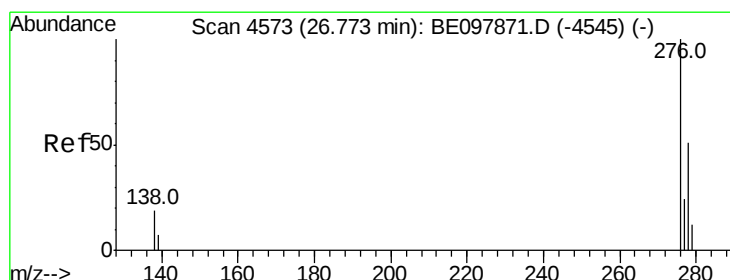
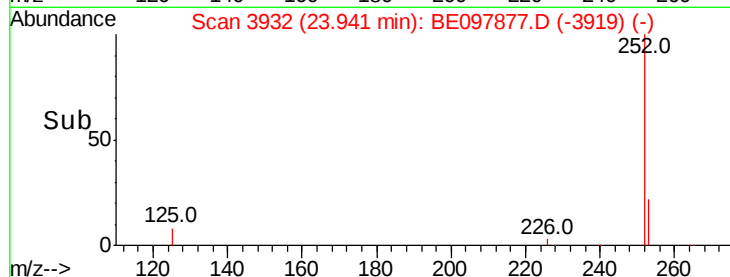
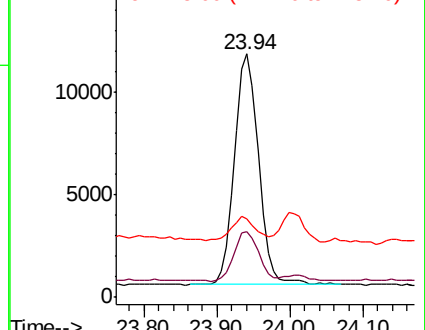
125 32.1 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.452 ng/ul

RT: 26.77 min Scan# 4572

Delta R.T. -0.01 min

Lab File: BE097877.D

Acq: 12 Oct 2018 3:19

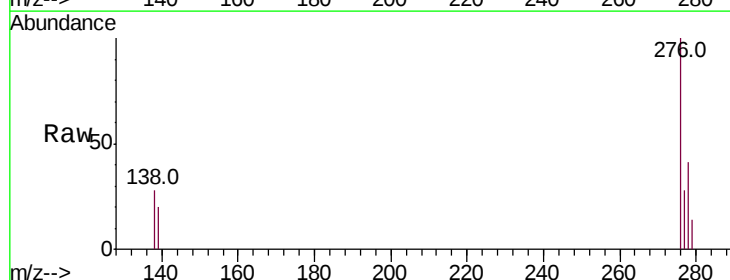
Tgt Ion:276 Resp: 28205

Ion Ratio Lower Upper

276 100

138 25.9 0.0 0.0#

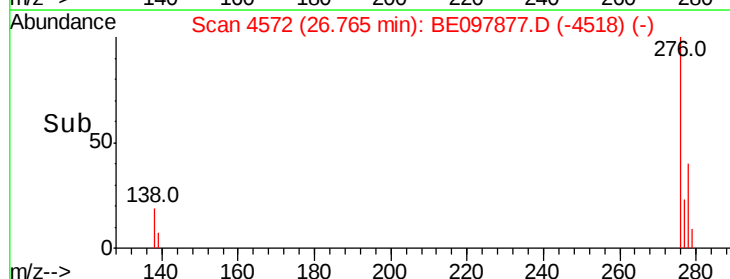
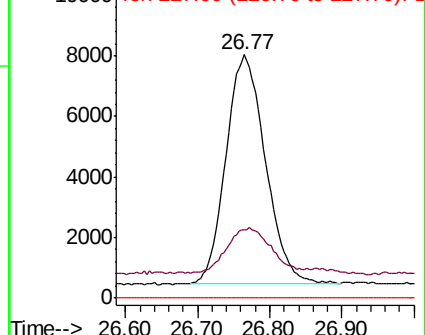
227 0.0 0.0 0.0

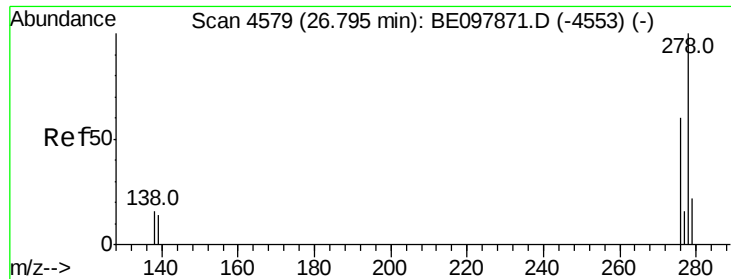


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

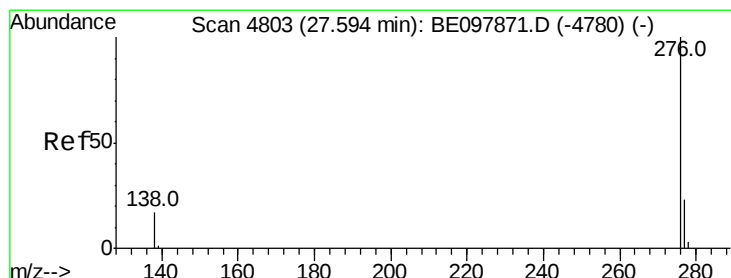
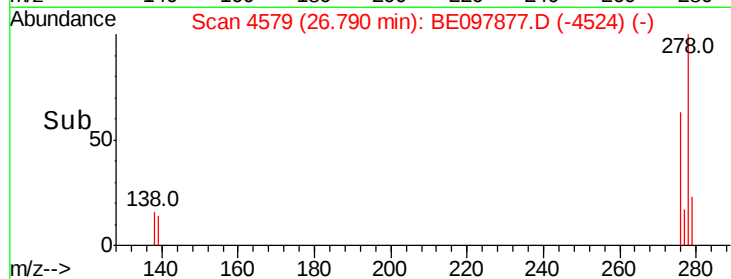
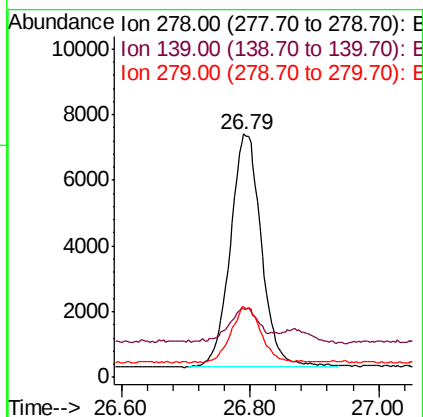
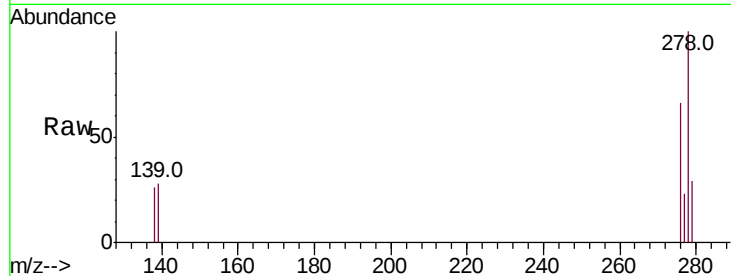




#25
Dibenzo(a,h)anthracene
Concen: 0.465 ng/ul
RT: 26.79 min Scan# 4579
Delta R.T. -0.00 min
Lab File: BE097877.D
Acq: 12 Oct 2018 3:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 23968
Ion Ratio Lower Upper
278 100
139 28.2 10.9 16.3#
279 28.8 18.8 28.2#



#26
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul
RT: 27.60 min Scan# 4805
Delta R.T. 0.00 min
Lab File: BE097877.D
Acq: 12 Oct 2018 3:19

Tgt Ion:276 Resp: 23854
Ion Ratio Lower Upper
276 100
138 28.4 14.3 21.5#
277 28.1 19.5 29.3

